

Amendments to the Claims

This listing of claims will replace all prior versions and listings of claims in the application.

Please amend claims 58, 69, and 71 and cancel claims 59-68 and 70 without acquiescence or prejudice. Please add new claims 72-74.

Listing of Claims

1. - 57. (Cancelled)

58. (Currently Amended) ~~An assay device for determining the presence of cancer or a propensity to develop cancer in an animal~~identifying a leukemia of T-cell, B-cell, or myeloid lineage in a subject, said device comprising (a) a solid support; and (b) an array of immunoglobulin molecules, or derivatives thereof, immobilized to discrete regions on a the solid support, wherein each discrete region comprises an immunoglobulin, or derivative thereof, specific for a different cell surface antigen, on the same cell, and when the immunoglobulin molecules interact with a biological sample comprising a cell expressing the respective cell surface antigen, wherein the array comprises immunoglobulin molecules, specific for at least seven cell surface marker antigens, wherein the at least seven cell surface marker antigens are selected from the list in Table 4, and wherein a the pattern of expression of the immobilized immunoglobulins to their respectiveat least seven cell surface marker antigens on a leukocyte distinguishes leukemias of T-cell, B-cell, or myeloid lineage. provides a differential pattern of density which is indicative of the presence of cancer or a propensity to develop cancer, wherein said cancer is selected from the group consisting of leukemia, fibrosarcoma, myxosarcoma, Ewing's sarcoma, granulocytic leukemia, basal cell carcinoma, colon cancer, gastric cancer, and skin cancer.

59. - 68. (Cancelled)

69. (Currently Amended) The assay device of ~~any one of claims 58, 59, 62, 63, and 65~~ claim 58 wherein the ~~animal subject~~ is a human ~~or non-human animal~~.

70. (Cancelled)

71. (Currently Amended) The assay device of ~~any one of claims 58, 59, 62, 63, and 65~~ claim 58, wherein the immunoglobulins, or derivatives thereof, of the array are bound covalently to the solid support or wherein the immunoglobulins, or derivatives thereof, of the array are bound to a recombinant, truncated protein G that is first coated on the solid support.

72. (New) The method of claim 58 wherein the subject is a non-human animal.

73. (New) The method of Claim 58, wherein the immunoglobulin molecules are monoclonal antibodies.

74. (New) The method of Claim 58, wherein the immunoglobulin molecules are polyclonal antibodies.